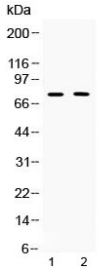
# TRF2 Antibody / Telomeric repeat-binding factor 2 (R32769)

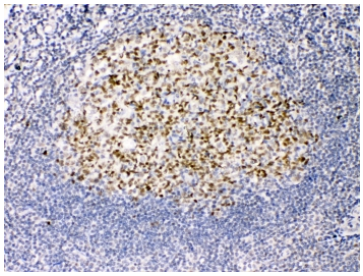
| Catalog No. | Formulation | Size |
|---|---|---|
| R32769 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

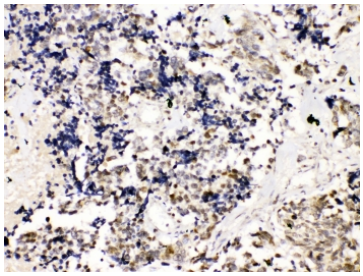
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose, 0.025% sodium azide |
| **UniProt** | Q15554 |
| **Localization** | Nuclear |
| **Applications** | Western Blot: 0.5-1ug/ml<br>Immunohistochemistry (FFPE): 1-2ug/ml |
| **Limitations** | This TRF2 antibody is available for research use only. |




Western blot testing of 1) rat thymus and 2) human COLO320 lysate with TRF2 antibody at 0.5ug/ml. Predicted molecular weight ~75 kDa.



IHC testing of FFPE human tonsil tissue with TRF2 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE human lung cancer tissue with TRF2 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.

## Description

Telomeric repeat-binding factor 2, also known as TERF2, TRF2, or TRBF2, is encoded in humans by the TERF2 gene. This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic.

## Application Notes

Optimal dilution of the TRF2 antibody should be determined by the researcher.

## Immunogen

Amino acids A81-K287 from the human protein were used as the immunogen for the TRF2 antibody.

## Storage

After reconstitution, the TRF2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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